



IFW

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an Envelope addressed to: Mail Stop Disclosure Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: Sept 13, 2006

By: Winsome A. St. Rose
Winsome A. St. Rose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:)
Martin Dugas, et al.) EXAMINER: Unassigned
SERIAL NO.: 10/575,708) ART UNIT: Unassigned
PCT FILING DATE: NOVEMBER 4, 2004) Confirmation No. N/A
FOR: Method For Distinguishing AML) DOCKET NO 22330-US
Subtype inv(3)(q21q26)/t(3;3)(q21q26)	
From Other AML subtypes	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Disclosure.
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith a Form-1449, in compliance with the duty of disclosure requirements of 37 C.F.R. §1.56, 1.97 and 1.98, listing accompanying documents that may be considered material to the examination of this application. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is therefore required under 37 C.F.R. § 1.97(b). However, should the Commissioner determine that fees are due in order for the Information Disclosure Statement to be considered at this stage, the Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to Deposit Account No. 50-0812.

Applicants wish to provide the USPTO with an electronic copy of WO 03/039433A2, which is in excess of 2,900 pages.

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested.

Respectfully submitted,

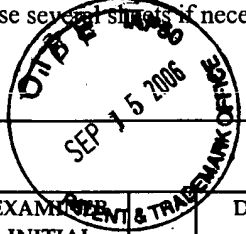
Date: 9/12/06

Robert W. Mann
Robert W. Mann
Reg. No. 48,555

Correspondence Address:

Roche Molecular Systems, Inc
1145 Atlantic Avenue
Alameda, CA 94501
Tele: (510) 814-2800
Fax: (510) 814-2973

U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 22330-US	Serial No. 10/575,708
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)	Applicants: Martin Dugas, et al.	
	International Filing Date: November 4, 2004	Group: N/A



U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,210,015	05/11/93	Gelfand, et al	435	6	08/06/90
	2	5,445,934	08/29/95	Fodor, et al	435	6	09/30/92
	3	5,487,972	01/30/96	Gelfand, et al	435	6	01/05/93
	4	5,700,637	12/23/97	E. Southern	435	6	04/19/94
	5	5,744,305	04/28/98	Fodor, et al	435	6	06/06/95
	6	5,804,375	09/08/98	Gelfand, et al	435	6	04/25/95
	7	5,945,334	08/31/99	Besemer, et al	435	287.2	06/07/95
	8	6,174,670 B1	01/16/01	Wittwer, et al	435	6	06/04/97
	9	2003/0138793 A1	07/24/03	Su, et al	435	6	06/10/02

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	10	0 373 203 B1	08/31/94	EP			
	11	0 619 321 B1	01/07/90	EP			
	12	1 043 676 A1	10/11/00	EP			
	13	1 109 020 A1	06/20/2001	EP			
	14	1 308 522	05/07/03	EP			
	15	WO 92/02638	02/20/92	PCT			
	16	WO 03/039443 A2	05/15/03	PCT			
	17	WO 03/083140 A2	10/09/03	PCT			
	18	WO 2005/045438 A3	05/19/05	PCT			
	19	EP2004/012461 Search Report	06/24/05	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	20	Alizadeh, A., et al., 1999, "The Lymphochip: A Specialized cDNA Microarray for the Genomic-scale Analysis of Gene Expression in Normal and Malignant Lymphocytes", Cold Springs Harbor Symposium on Quantitative Biology, Volume LXIV, Cold Springs Harbor Laboratory Press, pp 71-78
	21	Brown, M., et al, 2000, "Knowledge-based analysis of microarray gene expression data by using support vector machines, PNAS, 97(1):262-267
	22	Deutsch, J., 2003, "Evolutionary algorithms for finding optimal gene sets in microarray prediction", Bioinformatics, 19(1):45-52
	23	Dugas, M., et al., 2001, "A comprehensive leukemia database: integration of cytogenetics, molecular genetics and microarray data with clinical information, cytomorphology and immunophenotyping", Leukemia, 15:1805-1810

24	Dugas, M., et al., 2002, "Impact of Integrating Clinical and Genetic Information", <i>In Silico Biology</i> , 2:383-391
25	Furey, T., et al., 2000, "Support vector machine classification and validation of cancer tissue samples using microarray expression data", <i>Bioinformatics</i> , 16(10):906-914
26	Golub, T., et al., 1999, "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring", <i>Science</i> , 286:531-537
27	Harlow, E., et al., 1988, "Antibodies A Laboratory Manual", <i>Cold Spring Harbor Laboratory</i>
28	Koehler, G., et al., 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> . 256:495-497
29	Kohlmann, A., et al., 2002, "Abstract: A Simplified and Partially Automated target Preparation Method for Gene Expression Profiling", <i>Blood</i> , 100, Abstract 4287
30	Kohlmann, A., et al., 2002, "Abstract: A Gene Expression Study of 59 Acute Myeloid Leukemia (AML) Patients with recurrent Cytogenetic Abnormalities", <i>Blood</i> , 100, Abstract 1205
31	Kohlmann, A., et al., 2002, "Abstract: Gene Expression Profiles of t(11q23)/MLL Positive ALL and AML", <i>Blood</i> , 100(11): Abstract No. 308
32	Kohlmann, A., et al., 2003, "Molecular Characterization of Acute Leukemias by Use of Microarray Technology", <i>Genes, Chromosomes & Cancer</i> , 37:396-405
33	Liu, G., et al., 2003, "NetAffx: Affymetrix probesets and annotations", <i>Nucleic Acids Research</i> , 31(1):82-86
34	Sambrook, J., et al., 1989, "Molecular Cloning A Laboratory Manual Second Edition", <i>Cold Spring harbor Laboratory Press</i> ,
35	Schnittger, S., et al., 2002, "Networks of Molecular Mutations in Acute Myeloid Leukemia and Their Correlations to cytogenetics and Morphology", <i>Blood</i> , 100, Abstract 735
36	Schoch, C., et al., 2001, "Abstract: Specific abnormalities on the genomic level result in a distinct gene expression pattern detected by oligonucleotide microarrays: An analysis of 25 patients with AML M2/t (8;21), AML M3/M3v/t (15;17), and AML M4eo/inv(16), <i>Blood</i> , 98: pp 92a – 93a
37	Schoch, C., et al., 2001, "AML with recurring chromosome abnormalities as defined in the new WHO-Classifications: Incidence of subtypes, additional genetic abnormalities, FAB subtype and age distribution in an unselected series of 1897 cytogenetically and moleculargenetically analyzed AML", <i>Blood</i> , 98(11 part 1):457a-458a
38	Schoch, C., et al., 2002, "Acute myeloid leukemias with reciprocal rearrangements can be distinguished by specific gene expression profiles", <i>PNAS</i> , 99(15):10008-10013
39	Sood, R., et al., 1999, "Abstract: MDS1/EV11 enhances TGF- β 1 signaling and strengthens its growth-inhibitory effect, but the leukemia-associated fusion protein in AML1/MDS1/EV11, product of the t(3;21), abrogates growth-inhibition in response to TGF- β 1," <i>Leukemia</i> , 13:348-357.
40	Storey, J., et al., 2003, "Statistical significance for genomewide studies," <i>PNAS</i> , 100(16):9440-9445
41	Wieser, R., et al., 2001, "Masked inv(3)(q21q26) in a patient with minimally differentiated acute myeloid leukemia", <i>Haematologica</i> , 86(2):214-215

EXAMINER

DATE CONSIDERED

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.